WHAT IS CLAIMED IS:

1. An information recording apparatus comprising:

an input unit configured to input data;

a detection unit configured to detect audio attribute information from input data input by the input unit; and

a recording unit configured to record audio information and the audio attribute information contained in the input data in a predetermined format.

2. An apparatus according to claim 1, wherein the predetermined format contains a management file and an audio file,

the management file contains the audio attribute information, and

the audio file contains the audio information.

3. An apparatus according to claim 1, wherein the predetermined format contains a management file and an audio file,

the management file contains stream information,

the stream information contains the audio attribute information, and

the audio file contains the audio information.

4. An apparatus according to claim 1, wherein the predetermined format contains a management file and an audio file,

the management file contains management information,

the audio file contains a pack as a data transfer processing unit, and

the pack contains the audio attribute information and the audio information.

5. An apparatus according to claim 1, wherein the detection unit detects a sampling frequency corresponding to the audio attribute information on the basis of a plurality of clocks contained in the input data.

6. An apparatus according to claim 1, wherein the detection unit detects a length of a half period of an LR clock contained in the input data on the basis of a master clock, and detects information associated with a sampling frequency corresponding to the audio attribute information on the basis of the detection result.

7. An apparatus according to claim 1, wherein the detection unit detects the audio attribute information contained in the input data.

8. An apparatus according to claim 1, wherein the audio attribute information contains at least one information of information indicating a compression mode, information indicating a sampling frequency, and information indicating a sampling bitwidth.

9. An information recording method comprising:

detecting audio attribute information from input data; and

recording audio information and the audio

attribute information contained in the input data in a predetermined format.

10. A method according to claim 9, wherein the predetermined format contains a management file and an audio file,

the management file contains the audio attribute information, and

the audio file contains the audio information.

11. A method according to claim 9, wherein the predetermined format contains a management file and an audio file,

the management file contains stream information,

the stream information contains the audio attribute information, and

the audio file contains the audio information.

12. A method according to claim 9, wherein the predetermined format contains a management file and an audio file,

the management file contains management information,

the audio file contains a pack as a data transfer processing unit, and

the pack contains the audio attribute information and the audio information.

13. A method according to claim 9, wherein a sampling frequency corresponding to the audio attribute information is detected on the basis of a plurality of

clocks contained in the input data.

14. A method according to claim 9, wherein a length of a half period of an LR clock contained in the input data is detected on the basis of a master clock, and information associated with a sampling frequency corresponding to the audio attribute information is detected on the basis of the detection result.

15. A method according to claim 9, wherein the audio attribute information contained in the input data is detected.

16. A method according to claim 9, wherein the audio attribute information contains at least one information of information indicating a compression mode, information indicating a sampling frequency, and information indicating a sampling bitwidth.